

CLAIMS AMENDMENTS

1. A coated substrate suitable for accepting water-based paints, pencils, and inks, comprising a substrate and a coating on the substrate, wherein the coating is formulated (a) to accept water-based paints, pencils, and inks without unacceptable running or bleeding of the water-based paints, pencils, and inks in and on the coating, and (b) to allow the removal of the water-based paints, pencils, and inks from the coating without harming the coating by wetting the coating and wiping off the water-based paints, pencils, and inks.
2. The coated substrate as claimed in Claim 1, wherein the substrate is selected from the group consisting of woven and non-woven materials.
3. The coated substrate as claimed in Claim 1, wherein the substrate is a canvas selected from the group consisting of canvas made from natural and synthetic fibers.
4. The coated substrate as claimed in Claim 1, wherein the substrate is a flexible canvas selected from the group consisting of cotton and linen canvases.
5. The coated substrate as claimed in Claim 1, wherein the coating is made from a paint mixture comprising a water-based latex.
6. The coated substrate as claimed in Claim 5, wherein the paint mixture further comprises filler and water.
7. The coated substrate as claimed in Claim 6, wherein the paint mixture further comprises pigment dispersant, defoamer, extender and surfactant.

8. The coated substrate as claimed in Claim 1, wherein the coating is made from a paint mixture comprising from 100-200 parts by weight water-based latex, 0-5 parts by weight pigment dispersant, 0-2 parts by weight defoamer, 75-150 parts by weight pigment and filler, 0-50 parts by weight extender, 0-5 parts by weight surfactant, and 0-50 parts by weight water, wherein the paint mixture then is mixed with a water soluble polymer to create the coating.

9. A coated substrate for use by artists that is suitable for accepting water-based paints, pencils, and inks, comprising a substrate and a coating on the substrate, wherein the coating is formulated (a) to accept water-based paints, pencils, and inks without unacceptable running or bleeding of the water-based paints, pencils, and inks in and on the coating, and (b) to allow the removal of the water-based paints, pencils, and inks from the coating without harming the coating by wetting the coating and wiping off the water-based paints, pencils, and inks, wherein the substrate is a flexible canvas selected from the group consisting of cotton and linen canvases and the coating is made from a paint mixture comprising from 100-200 parts by weight water-based latex, 0-5 parts by weight pigment dispersant, 0-2 parts by weight defoamer, 75-150 parts by weight pigment and filler, 0-50 parts by weight extender, 0-5 parts by weight surfactant, and 0-50 parts by weight water, wherein the paint mixture then is mixed with a water soluble polymer to create the coating.

10. The coated substrate as claimed in Claim 9, wherein the water-based latex is an acrylic latex and the water soluble polymer is selected from the group consisting of polyvinyl alcohol, polyethylene oxide, cellulose and its derivatives, polyvinyl pyrrolidone, starch, animal hide glue, gum Arabic, xanthan gum and guar gum.

11. The coated substrate as claimed in Claim 10, wherein the pigment and filler is calcium carbonate.

12. The coated substrate as claimed in Claim 11, wherein the extender is talc.

13. The coated substrate as claimed in Claim 12, wherein the paint mixture comprises from 150 parts by weight water-based latex, 2 parts by weight pigment dispersant, 0.8 parts by weight defoamer, 115 parts by weight calcium carbonate, 20 parts by weight extender, 2 parts by weight surfactant, and 30 parts by weight water, and the water soluble polymer is added to the paint mixture at a ratio of 1 to 30 weight percent based on the weight of solids in the paint mixture.

14. A coating for applying to a substrate, the coating being suitable for accepting water-based paints, pencils, and inks, wherein the coating is formulated (a) to accept water-based paints, pencils, and inks without unacceptable running or bleeding of the water-based paints, pencils, and inks in and on the coating, and (b) to allow the removal of the water-based paints, pencils, and inks from the coating without harming the coating by wetting the coating and wiping off the water-based paints, pencils, and inks.

15. The coating as claimed in Claim 14, wherein the coating is made from a paint mixture comprising a water-based latex mixed with a water soluble polymer.

16. The coating as claimed in Claim 15, wherein the paint mixture further comprises filler and water.

17. The coating as claimed in Claim 16, wherein the paint mixture further comprises pigment dispersant, defoamer, extender and surfactant.

18. The coating as claimed in Claim 14, wherein the coating is made from a paint mixture comprising from 100-200 parts by weight water-based latex, 0-5 parts by weight pigment dispersant, 0-2 parts by weight defoamer, 75-150 parts by weight pigment and filler, 0-50 parts by weight extender, 0-5 parts by weight surfactant, and 0-50 parts by weight water, and wherein the paint mixture then is mixed with a water soluble polymer at a ratio of 1 to 30 weight percent based on the weight of solids in the paint mixture to create the coating.

19. A coating for applying to a substrate for use by artists, the coating being suitable for accepting water-based paints, pencils, and inks, wherein the coating is formulated (a) to accept water-based paints, pencils, and inks without unacceptable running or bleeding of the water-based paints, pencils, and inks in and on the coating, and (b) to allow the removal of the water-based paints, pencils, and inks from the coating without harming the coating by wetting the coating and wiping off the water-based paints, pencils, and inks, wherein the coating is made from a paint mixture comprising from 100-200 parts by weight water-based latex, 0-5 parts by weight pigment dispersant, 0-2 parts by weight defoamer, 75-150 parts by weight pigment and filler, 0-50 parts by weight extender, 0-5 parts by weight surfactant, and 0-50 parts by weight water, wherein the paint mixture then is mixed with a water soluble polymer to create the coating.

20. The coated substrate as claimed in Claim 19, wherein the water-based latex is an acrylic latex and the water soluble polymer is selected from the group consisting of polyvinyl alcohol, polyethylene oxide, cellulose and its derivatives, polyvinyl pyrrolidone, starch, animal hide glue, gum Arabic, xanthan gum and guar gum.

21. The coated substrate as claimed in Claim 20, wherein the pigment and filler is calcium carbonate.

22. The coated substrate as claimed in Claim 21, wherein the extender is talc.

23. The coated substrate as claimed in Claim 22, wherein the paint mixture comprises from 150 parts by weight water-based latex, 2 parts by weight pigment dispersant, 0.8 parts by weight defoamer, 115 parts by weight calcium carbonate, 20 parts by weight extender, 2 parts by weight surfactant, and 30 parts by weight water, and wherein the paint mixture then is mixed with a water soluble polymer at a ratio of 1 to 30 weight percent based on the weight of solids in the paint mixture to create the coating.